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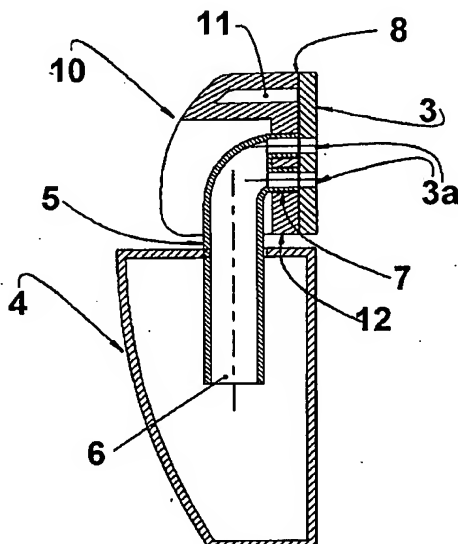
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(54) Title: SUCTION SYSTEM FOR A REFRIGERATION COMPRESSOR



(57) Abstract: A suction system for a refrigeration compressor of the type which comprises a valve plate (3) which is provided with at least one suction orifice (3a), selectively closed by a suction valve, and which closes a cylinder end; a cylinder head (1, 10) mounted against a face of the valve plate (3) opposite to that closing the cylinder and which defines a discharge chamber (2, 11) occupying part of said cylinder head (1, 10) and partially contouring the suction orifice (3a); and a suction muffler comprising a hollow body (4) having an outlet tube (5) projecting therefrom and presenting a free end (7) seated on the valve plate (3) in coaxial alignment with a respective suction orifice (3a), said cylinder head (10) being provided, externally to the discharge chamber (11), with a reinforcing wall portion (12) which is dimensioned to define an increase in the structural rigidity of the cylinder head (10).

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